INDEX TO VOLUME VI.

ARDEA BRUNNESCENS, 86.
herodias, 9.

BARTSCH, PAUL, A primitive swift colony, 21; General note, A piscivorous Yellow-legs, 8.
Basket, James Newton, Bird notes — South, 36.
Bittern, American, 49, 50, 53, 69, 72.
Least, 70, 82.
Blackbird, Brewer's, 81, 83.
Red-winged, 23, 24, 35, 38, 44, 50, 54, 62, 66, 68, 69, 72.
Rusty, 6, 23, 24.
Bluebird, 4, 5, 6, 19, 20, 21, 23, 24, 27, 33, 34, 35, 36, 37, 38, 45, 54, 56, 57, 58, 67, 69, 71, 72.
Mountain, 81, 83.
Bobolink, 38, 44, 54, 66, 67, 68, 69, 70, 72.
Bob-White, 5, 6, 7, 21, 23, 38, 43, 61, 62.
Bunting, Indigo, 38, 44, 67, 68, 69, 72.
Lark, 49, 50
Burdick, G. M., Notes from New Auburn, Minn., 25.
Burns, Frank L., A suggestion to oologists, 24; Chimney Swift roost, 9; Flicker investigation, 10; General notes, A bachelor Great Blue Heron, 9; A talented Catbird, 61; Late date for Catbird, 8; Louisiana Water Thrush breeding in Chester county, Pa., 75; Philadelphia Vireo (*Vireo philadelphicus*), 7.
Buzzard, Am. Rough-legged, 6.
Ferruginous Rough-legged, 83.

CARDINAL, 6, 21, 24, 36, 39, 44, 54.
Catbird, 8, 36, 38, 44, 54, 61, 67, 68, 69, 71, 72, 73, 81.
Cathartes atrata, 84.
aura, 84.
Cedarbird, 6.
Chase, Mrs. Agnes, A Chicago park horizon, 40.
Victor P., A blood-thirsty Blue Jay, 55.
Virginius H., A Downy Woodpecker's nest that I did *not* collect, 57; Birds' nests No. 2, 17; Rose-breasted Grosbeak, 54.
Chat, Long-tailed, 81.
Yellow-breasted, 39, 44, 50, 69, 72.
Chickadee, Black-capped, 5, 6, 7, 21, 24, 25, 30, 36, 38, 39, 45, 70, 72.
Clark, J. N., December horizons, Meridian, Dunn Co., Wis., 6; June censuses, 58.
Coot, American, 43.
Cowbird, 24, 35, 38, 44, 50, 67, 71, 72, 83.
Creeper, Brown, 4, 5, 6, 7, 21, 24.
Crossbill, American, 7.
Crow, American, 5, 6, 21, 23, 24, 25, 38, 39, 44, 53, 54, 58, 67, 68, 69, 72.
Cuckoo, Black-billed, 44.
Yellow-billed, 33, 44, 62, 67, 69, 72.

DANIEL, JOHN W., JR., Bachman's Sparrow (*Peucæa æstivalis bachmanii*) in Virginia, 1; Black Vulture (*Cathartes atrata*) in Virginia, 84; Brown Heron (*Ardea brunnescens*) in Virginia, 86; Carolina Junco (*Junco hyemalis carolinensis*) in Virginia, 86; Some further remarks

upon Bachman's Sparrow (*Peucaea aestivalis bachmanii*) in Virginia, 83.
Dawson, Rev. W. L., A shortest day of the year horizon, 4; December horizons, Lorain County, Ohio, 6; Some western horizons, I, 37; II, 49; III, 81.
Dearborn, Ned, The effect of a storm upon the birds, 58.
Dickcissel, 37, 38, 53, 66, 67 68, 69, 72.
Dove, Mourning, 23, 38, 43, 50, 53, 54, 59, 66, 68, 69, 70, 71, 72, 81, 82.
Duck, American Golden-eye, 23.
Black, 84.
Greater Scaup, 43.
Mallard, 23.
Pintail, 23.
Shoveller, 84.

Eagle, Bald, 5, 6, 21.
Golden, 3, 6, 21, 82, 83.

Falco mexicanus, 82.
Falcon, Prairie, 82, 83.
Flicker, 5, 6, 10, 12, 21, 24, 38, 40, 44, 53, 59, 66, 67, 68, 69, 71, 72, 77.
Red-shafted, 83.
Flycatcher, Alder, 44, 67, 22, 69, 72.
Crested, 39, 44, 67, 68, 69, 72.
Green-crested, 44, 70, 72.
Least, 38, 44, 70, 72.
Traill's, 53.
Western, 83.

Galeoscoptes caroliensis, 8.
Gault, Benj. T., December horizons, Glen Ellyn, Ill., 5; Early summer horizons from Milton Tp., DuPage Co., Ill., 65.
Gnatcatcher, Blue-gray, 45.
Goldfinch, American, 5, 6, 7, 21, 25, 38, 44, 53, 54, 66, 68, 69, 71, 72, 73, 74, 76.
Goose, Canada, 40.
Goshawk, American, 6.
Grackle, Bronzed, 23, 24, 35, 38, 44, 54, 56, 57, 59, 66, 68, 69, 71, 72.
Purple, 57.
Grebe, Horned, 3.
Pied-billed, 70, 72.
Grosbeak, Evening, 7.
Rose-breasted, 38, 44, 54, 68, 69, 71, 72.
Grouse, Ruffed, 7, 23.
Gull, American Herring, 23, 42, 43.
Bonaparte's, 42, 43.

Harvey, E. A., Birds deceived by glass, 76.
Hawk, American Rough-legged, 5, 6, 21, 23.
American Sparrow, 5, 6, 21, 23, 44, 53.
Broad-winged, 20, 21, 23.
Cooper's, 38, 43, 53.
Desert Sparrow, 81, 83.
Ferruginous Rough-legged, 83.
Marsh, 23, 50, 83.
Pigeon, 5, 6, 21, 44.
Red-shouldered, 6, 21, 23, 44, 54, 67, 69, 72.
Red-tailed, 6, 21, 23, 69, 72.
Sharp-shinned, 23, 42, 43.
Swainson's, 38, 50.
Hen, Prairie, 7, 69, 72.
Heron, Black-crowned Night, 67, 68, 69, 72.
Brown, 86.
Great Blue, 9, 43.
Green, 17, 43, 53, 67, 69, 72.
Hummingbird, Ruby-throated, 44, 72, 73, 74, 76.

Jay, Blue, 5, 6, 7, 21, 24, 36, 38, 40, 44, 53, 54, 55, 56, 59, 67, 68, 71, 72, 76.
Jones, Lynds, A March horizon,

22; All day with the birds, 41; Birds in a snow-storm, 25; Brunnich's Murre (*Uria lomvia*) in Lorain County, Ohio, 26; Carolina Wren (*Thryothorus ludovicianus*) in Lorain County, Ohio, 76; General note, Chimney Swift, 45; June censuses, 59; Lorain County, Ohio, bird fauna for 1898–9, 19; Lorain County, Ohio, 1898 horizon, 2; Migration of Killdeer, Meadowlark, Robin and Bluebird, 33; Summer bird study, 52: 1898 migration of Killdeer, Meadowlark, Robin and Bluebird, 56: The year's work, 84.
Junco hyemalis carolinensis, 86.
Carolina, 86.
Slate-colored, 6, 21, 24, 36, 40.

KILLDEER, 23, 27, 33, 34, 35, 38, 43, 50, 53, 56, 57, 70, 72.
Kingbird, 38, 44, 50, 53, 54, 59, 67, 68, 69, 71, 72.
Kingfisher, Belted, 44, 53, 54, 68, 69, 72.
Kinglet, Golden-crowned, 6, 21.
Ruby-crowned, 38, 45.
Kite, Everglade, 87.

LANGILLE, J. H., The first day of May with the birds, 39.
Lark, Desert Horned, 38, 50.
Horned, 5, 6, 21.
Prairie Horned, 6, 21, 24, 44, 66, 68, 69, 71, 72.
Longspur, Lapland, 6, 21.

MARTIN, Purple, 38, 44, 50, 53, 54, 60, 66, 68, 71, 72, 74.
Meadowlark, 6, 19, 20, 21, 24, 25, 27, 33, 34, 35, 44, 53, 56, 57, 66, 67, 68, 69, 71, 72.
Western, 38, 50, 81, 83.
Merganser, Red-breasted, 84.
Mockingbird, 36, 62.
Murre, Brunnich's 26.

NIGHTHAWK, 38, 53.
Nuthatch, Red-breasted, 4, 5, 6, 21.
White-breasted, 4, 5, 6, 7, 21, 24, 25, 38, 39, 45, 70, 72.

ORIOLE, Baltimore, 38, 44, 59, 68, 69, 71, 72.
Orchard, 38, 44, 59.
Osprey, American, 85.
Oven-bird, 38, 39, 44, 67, 69, 72.
Owl, Acadian, 58.
American Barn, 3, 21.
American Hawk, 7.
Americaa Long-eared, 6, 21.
Arctic Horned, 7.
Barred, 5, 6, 7, 21, 23.
Burrowing, 50.
Great Horned, 7.
Screech, 6, 21.
Short-eared, 3, 21.

PAROQUETTE, Carolina, 87.
Passer domesticus, 74.
Peucæa æstivalis bachmanii, 1.
Pewee, Say's, 81, 83.
Wood, 54, 66, 67, 68, 69, 71, 72.
Phalarope, Wilson's, 84.
Phœbe, 38, 44, 54, 70, 72.
Pintail, 23.
Pipit, American, 44.
Plover, Belted Piping, 50.

RAIL, King, 66, 67, 68, 69, 72.
Virginia, 43, 70, 72.
Redpoll, 7, 25.
Redstart, American, 38, 44, 54, 70, 72.
Robin, 19, 20, 21, 24, 25, 27, 33, 34, 35, 36, 38, 39, 40, 45, 53, 54, 56, 57, 58, 59, 66, 68, 69, 71, 72, 76.
Western, 81, 83.
Roberts, Ethel Dane, A Hummingbird's nest, 72; General note, White-throated Sparrow, 45.

SANDPIPER, Baird's, 3.

Bartramian, 43, 50, 54, 66, 67, 68, 69, 72.
Red-backed, 3.
Solitary, 38, 43, 50.
Spotted, 38, 43, 50, 53, 70, 72, 81, 82.
Western, 50.
Sanderling, 38.
Shrike, Loggerhead, 44, 53.
Northern, 5, 7, 21, 24.
White-rumped, 66, 68, 69, 72.
Siskin, Pine, 38, 76.
Snowflake, 6, 7, 21, 25.
Sora, 43, 53, 70, 72.
Sparrow, Bachman's, 1, 83.
Brewer's, 82.
Chipping, 31, 39, 44, 53, 54, 59, 70, 72.
Clay-colored, 38, 50.
English, 39, 55, 56, 59, 71.
Field, 39, 44, 53, 54, 67, 69, 72.
Fox, 40.
Grasshopper, 38, 44, 49, 53, 54, 67, 68, 69, 72.
Henslow's, 67, 69, 72.
Intermediate, 82.
Lark, 38, 53, 67, 72.
LeConte's, 38.
Lincoln's, 3, 38, 44.
Mountain Song, 81, 83.
Sage, 83.
Savanna, 67, 69, 72.
Song, 1, 5, 6, 11, 12, 21, 24, 25, 38, 40, 44, 53, 54, 59, 66, 67, 68, 69, 71, 72.
Swamp, 44.
Tree, 5, 6, 21, 24, 25, 36.
Vesper, 44, 53, 54, 67, 68, 69, 71, 72.
Western Chipping, 81, 82.
Western Grasshopper, 50.
Western Lark, 50, 81.
Western Vesper, 50, 83.
White-crowned, 44.
White-throated, 36, 38, 44, 45.
Sterna dougalii, 51.
Strong, Reuben, M., Notes for the committee on variation, 26; Notes on the Common Tern, 50; Preliminary announcement of work for the committee on variation, 10.
Swallow, Bank, 38, 44, 81.
Barn, 38, 44, 50, 53, 54, 59, 67, 68, 69, 72, 83.
Cliff, 38, 44, 59, 83.
Rough-winged, 41, 44.
Tree, 41, 44, 50.
Violet-green, 81, 83.
Swift, Chimney, 9, 21, 44, 45, 53, 54, 59, 68, 69, 71, 72.

TANAGER, Scarlet, 39, 44, 67, 68, 69, 71, 72.
Tern, Black, 38.
Common, 42, 43, 50, 51, 53.
Roseate, 51.
Thrasher, Brown, 36, 38, 39, 44, 50, 66, 67, 71, 72.
Sage, 83.
Thrush, Gray-cheeked, 3, 45.
Hermit, 40.
Louisiana Water, 44, 54, 75, 76.
Olive-backed, 38, 45.
Russet-backed, 81.
Water, 44.
Wilson's, 45.
Wood, 38, 39, 45, 54, 68, 72.
Titmouse, Tufted, 5, 6, 21, 24, 39, 45.
Totanus melanoleucus, 8.
Towhee, 24, 36, 38, 39, 44, 50, 54, 66, 69, 71, 72.

URIA LOMVIA, 26.

VIREO PHILADELPHICUS, 7.
Blue-headed, 44.
Philadelphia, 7.
Red-eyed, 38, 39, 44, 67, 68, 69, 71, 72.
Solitary, 40.
Warbling, 38, 44, 59, 66, 68, 69, 71, 72.

Yellow-throated, 39, 44, 70.
Vulture, Black, 84.

Warbler, Audubon's, 81, 83.
Bay-breasted, 44.
Black and White, 38, 39, 44.
Black-throated Blue, 44.
Black-throated Green, 44.
Blue-winged, 44, 53.
Canadian, 44.
Cerulean, 44.
Chestnut-sided, 44.
Magnolia, 44.
Mourning, 3.
Myrtle, 36, 44.
Nashville, 44.
Orange-crowned, 44.
Pine, 3.
Prairie, 39, 84.
Tennessee, 38, 44.
Worm-eating, 75.
Yellow, 38, 44, 50, 68, 69, 70, 71, 72, 81, 83.
Waxwing, Bohemian, 7.
Cedar, 6, 21, 54, 70 72.
Whippoorwill, 39, 44.
Wilson, Sidney S., General note, 62.
Woodpecker, Downy, 5, 6, 7, 21, 23, 25, 38, 40, 44, 54, 57, 58, 59, 67, 72, 73.
Hairy, 5, 6, 7, 21, 23, 38, 44, 59, 70.
Ivory-billed, 87.
Lewis', 81.
Pileated, 7.
Red-bellied, 5, 6, 21, 24, 44, 53.
Red-headed, 4, 5, 6, 21, 24, 38, 40, 44, 53, 54, 59, 67, 68, 69, 71, 72.
Wren, Bewick's, 3.
Carolina, 36, 76, 84.
House, 38, 45, 53, 54, 59, 70, 72.
Long-billed Marsh, 45, 66, 68, 69, 72.
Rock, 81, 83.
Short-billed Marsh, 50, 68, 69, 72.
Winter, 45.

Yellow-legs, Greater, 3, 8, 43, 85.
Lesser, 85.
Yellow-throat, Maryland, 39, 44, 67, 68, 69, 72.
Western, 38, 50, 81.